

Tag No. \_\_\_\_\_

The samples from previous expt were run on new Tablets  
received from Jim Spencer. (11/28/94) Agarose.

1 Tab = 1 gm

Dissolved 2 gm in 200 ml of 1X TAE (1.2 mM EDTA)

Began to dissolve in few minutes at RT in buffer,  
looked like powder agarose (regular) in buffer.

microwaved for 4-5' (3' didn't completely go into soln)

added 5 ml of 10 mg/ml ethidium bromide

easy to pour, no bubbles } like ThermoGel - looked  
not dense } more like regular agarose

when solidified looked a bit transparent than regular  
agarose, well formed wells.

The gels were even at 100-105 V constant, along with  
11x14

DNA mass ladder and Hind III / Lambda

Looked like it ran a bit faster than regular agarose.

Ladders resolved just with the intensity of bands  
in mass ladder looked normal.

Apart from convenience of no need to ~~see~~ weigh out,  
there is no other added advantage.

maybe this gel is slightly faster than regular agarose  
Is it really 1%?

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Read &amp; Understood by me,

Date

12/8/94

Invented by

Date

11/29/94

Recorded by

K. Sitarman